BI

For construction of the second Bet v 1-segment:

5'CGG GGT ACC GAT GGG TGT TTT CAA TTA C3' (SEQ ID NO:3)

Kpn I

5'CCG GAA TTC CCG CTC GAG CTA TTA GTT GTA GGC ATC GGA GTG3'

Eco R I Xho I

(SEQ ID NO:4)

Please replace the paragraph on page 7 lines 5-19 with the following amended paragraph:

Second Bet v 1-segment:

SEQ ID NO:5:

5'CGG GGT ACC GAT GGG TGT TTT CAA TTA C3'

Kpn I

SEQ ID NO:6:

5'CGG AAT TCA CTA GTG GGT TGT AGG CAT CGG AGT G3'

Eco R I Spe I

Third Bet v 1-segment:

SEQ ID NO:7:

5'CCG GAA TTC GGA CTA GTA ATG GGT GTT TTC AAT TAC3'

Eco R I

Spe I

SEQ ID NO:8: 5'CGG AAT TCG TTG TAG GCA TCG GAG TG3'

Eco R I

Please replace the paragraph on page 9 lines 4-11 with the following amended paragraph:

Results of studies on Bet v 1 polymers

Figure 1. Construction of the Bet v 1 polymers.



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b?

The Bet v 1-cDNA (Breiteneder et al., EMBO J. 8 (1989) 1935-1938) was PCR-amplified with oligonucleotide primers containing different restriction enzyme cleavage sites. The PCR-products were then ligated as indicated in the figure and subcloned into the plasmid pET-17b (Novagen, Madison, USA). Bet v 1-Dimer (SEQ ID NOS: 13 and 14). Bet v 1-Trimer (SEQ ID NOS: 15 and 16) and Bet v 1-Tetramer (SEQ ID NOS: 17 and 18).

Please replace the paragraph on page 13 lines 19-27 with the following amended paragraph:

by

Figure 8: Two monoclonal anti-Bet v 1-antibodies (moAb A and B) were used together with three synthetic Bet v 1-derived peptides were used in ELISA. The sequences of the three peptides are shown in the lower part of the figure and corresponds to aa 49-60 (SEQ ID NO:19)(p17), aa 52-63 (SEQ ID NO:20)(p18) and aa 55-66 (SEQ ID NO:21) (p19) of Bet v 1. The peptides were tested for binding to the two Bet v 1 specific monoclonals. The OD values are displayed on the y-axis. Both moAbs bind to the peptides p18 and p19, which are mapped to the first half of Bet v 1.

Please replace the paragraph on page 15 lines 7-16 with the following amended paragraph:

Bet v 1 (aa 1-74):

SEQ ID NO:9:

35

5'GGG AAT TCC ATA TGG GTG TTT TCA ATT AC3'

SEQ ID NO:10:

5'CGG GGT ACC TTA CTC ATC AAC TCT GTC CTT3'

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Bet v 1 (aa 75-160):

SEQ ID NO:11:

65

5' GG G AAT TCC ATA TGG TGG ACC ACA CAA ACT3'

SEQ ID NO:12:

5'CGG GGT ACC TTA GTT GTA GGC ATC GGA3'

Please replace pages 22 and 23 of the specification with the amended version of pages 22 and 23 enclosed herewith.

Please insert the Sequence Listing attached hereto immediately after the abstract.